

# APPARATUS AND METHOD FOR VARYING RECORDING VELOCITY OF OPTICAL DISK RECORDER/REPRODUCER

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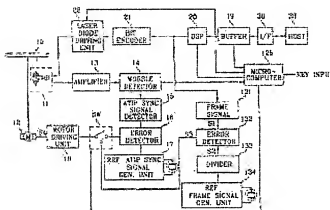
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## Abstract of KR 20000028335 (A)

**PURPOSE:** An apparatus and method for varying recording velocity of optical disk recorder/reproducer is provided to perform a stable recording operation by preventing a recording error occurred when a recording velocity set in the initial stage is unsuitable. **CONSTITUTION:** A reference frame signal generating unit(134) generates a reference frame data as a reference velocity set in the initial stage. A frequency divider(133) divides the generated reference frame data into a reference pulse. A frame signal detecting unit(131) generates a pulse when detecting a frame synchronous data among data outputted from a digital recording signal processing unit(20). An error detector(132) detects an error difference between the reference pulse divided in the frequency divider(133) and the pulse generated in the frame signal detecting unit(131).; A microprocessor(125) switches a connecting state of a switch(SW) according to a recording request or a reproducing request inputted from the outside and adjusts a converting velocity of an input data by the digital recording signal processing unit(20).



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